

Fill in the gaps according to this video

<https://www.youtube.com/watch?v=pi3P3uJOsN4>

In plants, the to a stimulus is known as a tropism.

It's the plant movement or a stimulus.

Like many words in science, tropism comes from a word.

Tropos means ; therefore, tropism is a turn towards or away from a .

When the movement is the stimulus it is called tropism.

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We'll focus on three key types of tropism:

1. Phototropism: it is a movement in response to .
2. Geotropism: it is a movement towards or away from the . We can also say that it is the movement towards or away from .

Examples in geotropism include the downward growth of the and the upward growth of .

3. Thigmotropism: thigmo- means .

Plants can be affected by touch positively or negatively.

If you repeatedly touch a young growing plant, this can actually cause the plant to grow less.

We can also see a response in vines and other climbing plants. Vines will grow straight along the ground until they touch something such as a tree or a wall.

away from (2) / both / Earth / gravity / Greek / negative / positive / response / root / shoots / stimulus / sunlight / to turn / touch / towards (2)